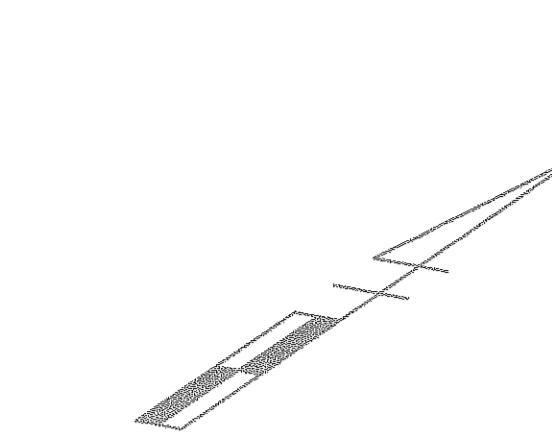


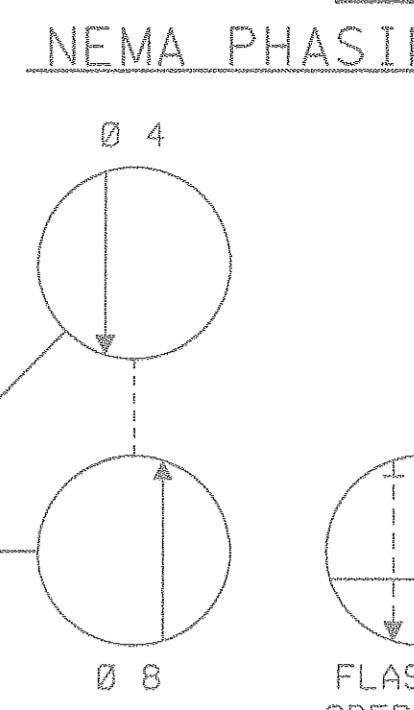
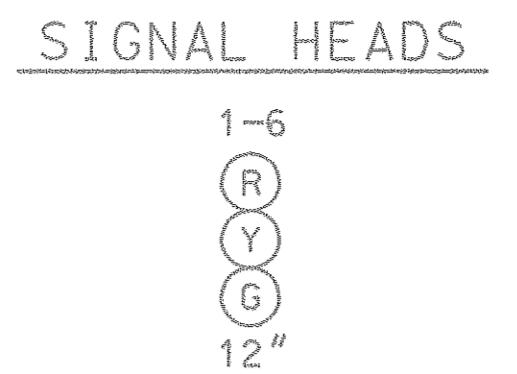
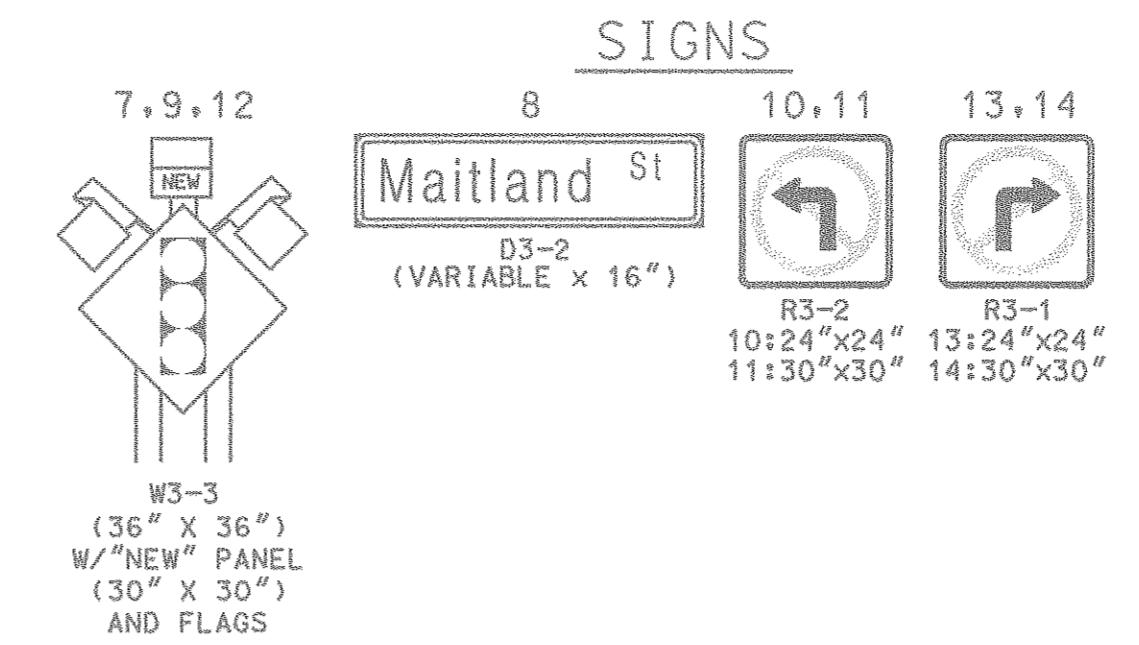
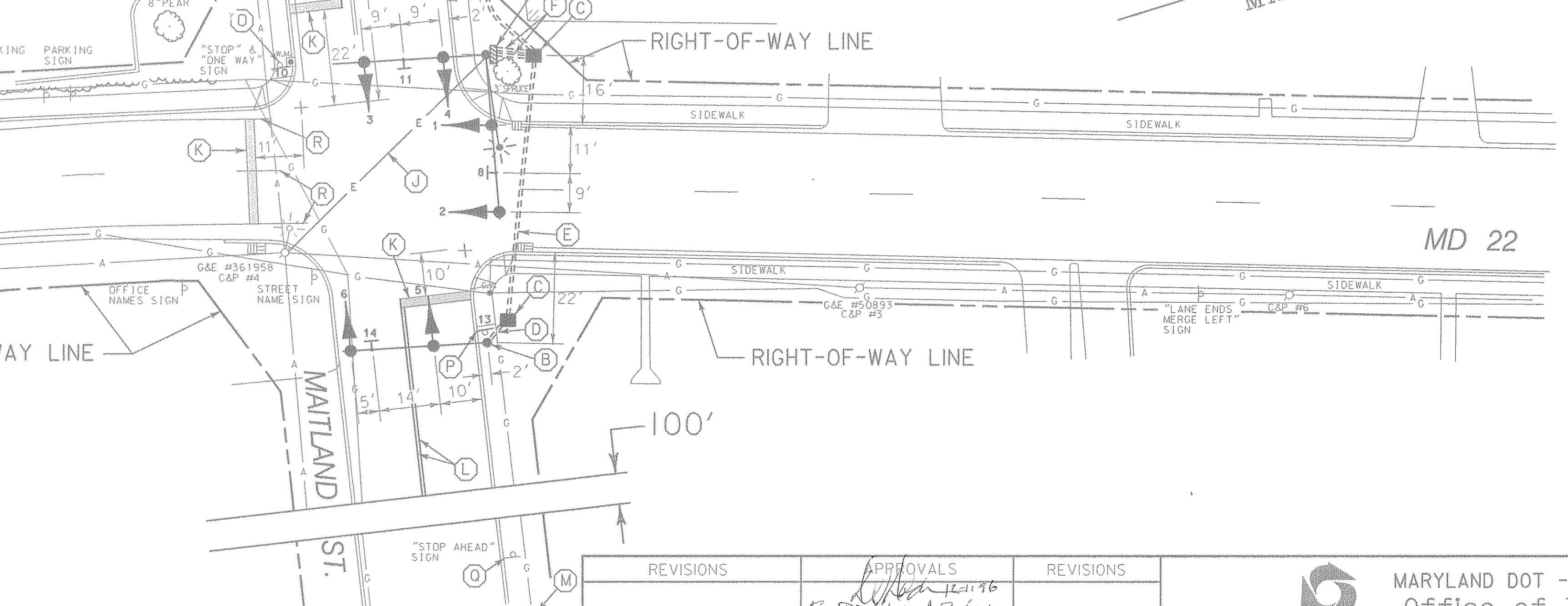
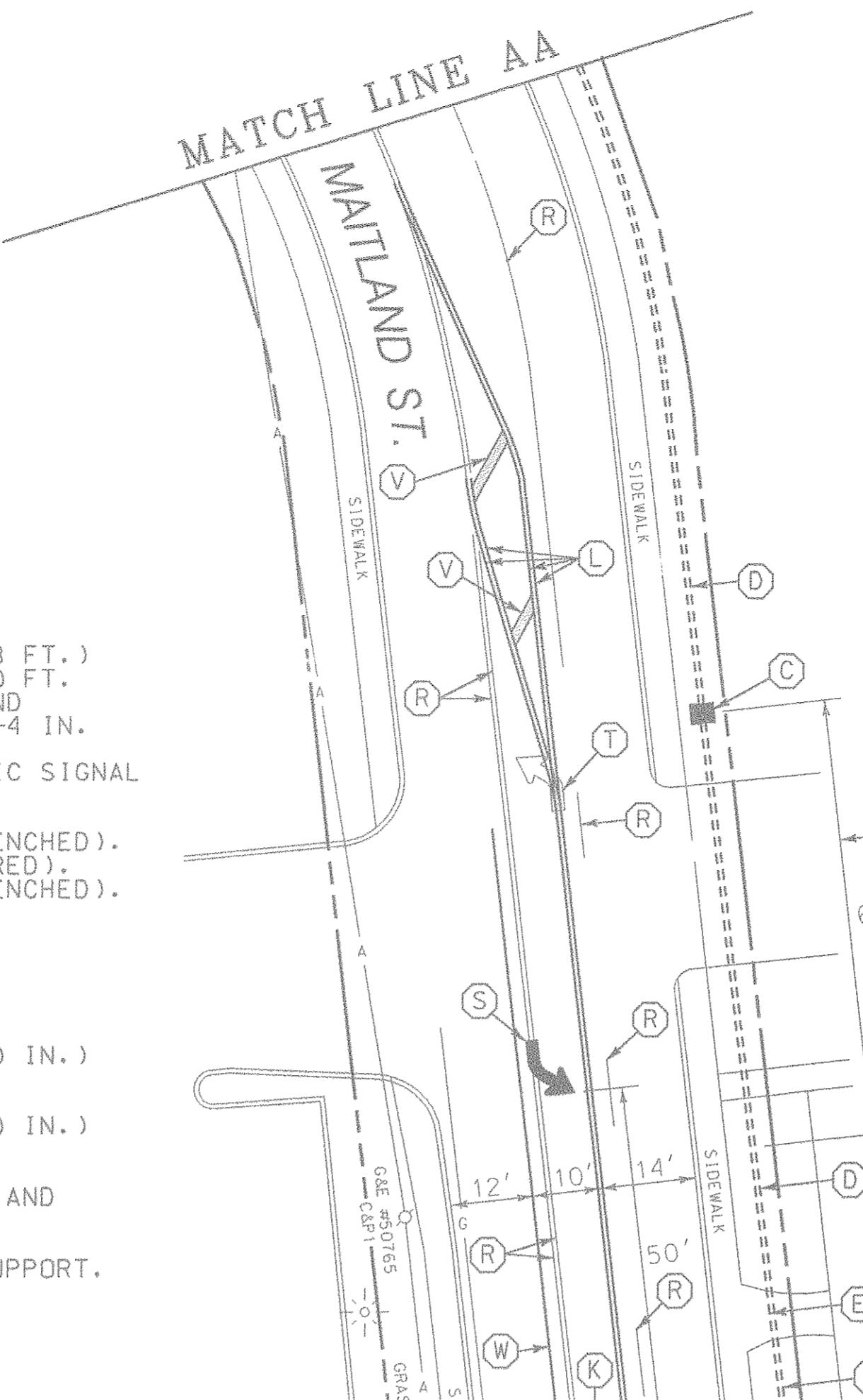
F H W B REGION NO.	STATE	FED. AID PROJ. NO.	HEET NO.	TOTAL SHEETS
3	MD			



MD 22 IS ASSUMED TO RUN  
IN AN EAST-WEST DIRECTION

#### CONSTRUCTION DETAILS

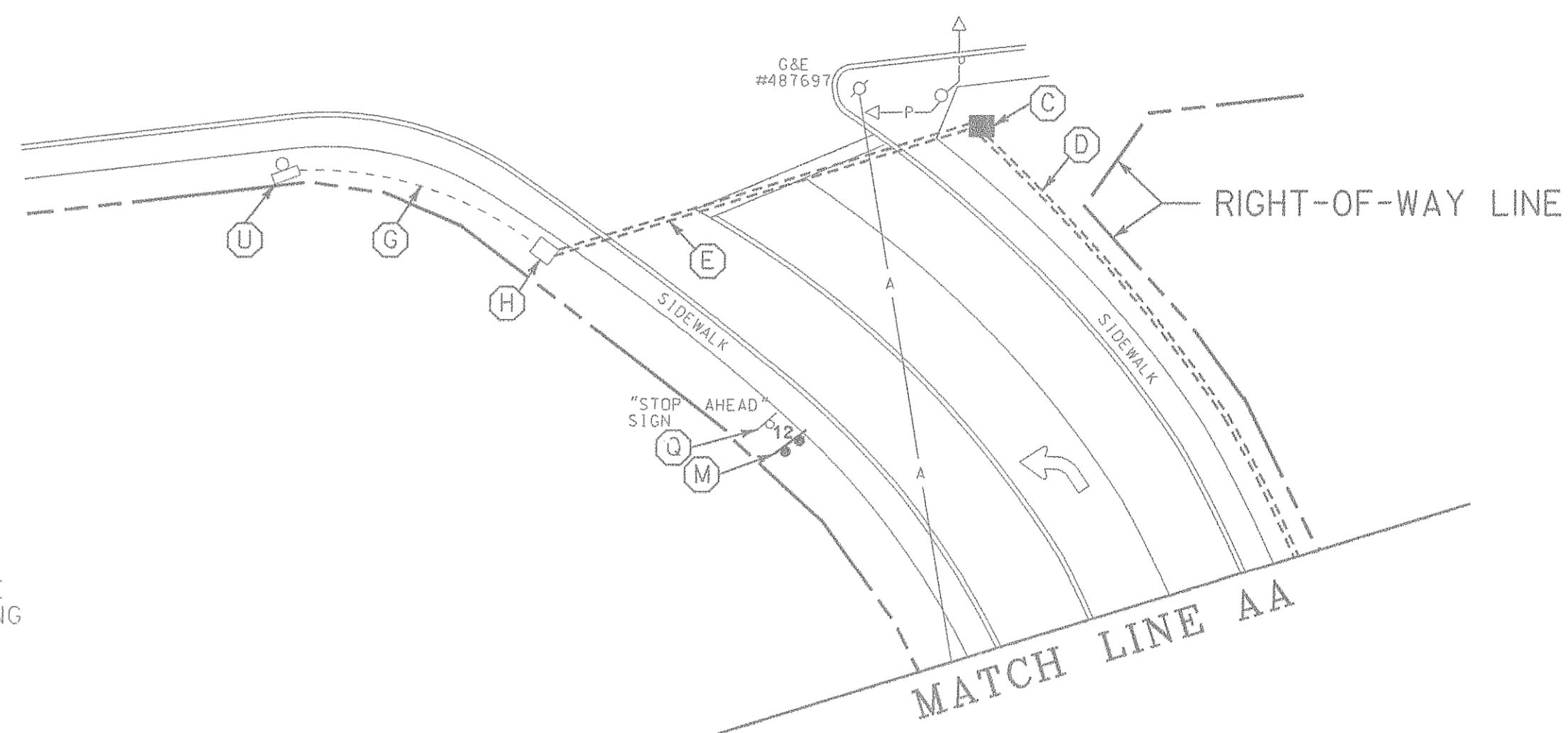
- A. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT. (CUT TO 35 FT.)/50 FT. (CUT TO 38 FT.) MAST ARMS, TRAFFIC SIGNAL HEADS, POLE MOUNTED CABINET AND CONTROLLER AND 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE AND 3 FT. X 4 FT. X 4 IN. CONCRETE PAD (NOTE: INSTALL 1-2 IN., 1-3 IN., AND 2-4 IN. SCHEDULE 40, 90 DEGREE PVC CONDUIT BENDS IN POLE BASE).
- B. INSTALL 27 FT. STEEL POLE WITH A 38 FT. (CUT TO 33 FT.) MAST ARM AND TRAFFIC SIGNAL HEADS (NOTE: INSTALL 1-2 IN. SCHEDULE 40, 90 DEGREE PVC CONDUIT BEND).
- C. INSTALL HANDHOLE.
- D. INSTALL 2 IN. SCHEDULE 40, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- E. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- F. INSTALL 4 IN. SCHEDULE 40, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- G. USE EXISTING CONDUIT.
- H. USE EXISTING HANDHOLE.
- J. PROPOSED OVERHEAD ELECTRICAL SERVICE.
- K. INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
- L. INSTALL 6 IN. YELLOW PERMANENT PREFORMED PAVEMENT MARKING TAPE (APPROXIMATELY 100' FROM STOP LINE ON NORTHBOUND APPROACH).
- M. INSTALL W3-3 SIGN (36 IN. X 36 IN.) WITH "NEW" PANEL AND FLAGS (30 IN. X 30 IN.) ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 250 FT. IN ADVANCE OF THE INTERSECTION ON NORTHBOUND AND SOUTHBOUND MAITLAND ST.
- N. INSTALL W3-3 SIGN (36 IN. X 36 IN.) WITH "NEW" PANEL AND FLAGS (30 IN. X 30 IN.) ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 400 FT. IN ADVANCE OF THE INTERSECTION ON MD 22.
- O. REMOVE R1-1 SIGN AND SUPPLEMENTAL "FULFORD AVE TRAFFIC DOES NOT STOP" SIGN AND INSTALL R3-2 SIGN.
- P. REMOVE R1-1 SIGN AND INSTALL R3-1 SIGN.
- Q. REMOVE W3-1 "STOP AHEAD" SIGN AND SUPPLEMENTAL "BUSY ROAD XING" SIGN AND SUPPORT.
- R. REMOVE EXISTING PAVEMENT MARKINGS (ONLY BEYOND STOP LINE ON MD 22).
- S. INSTALL PERMANENT PREFORMED PAVEMENT MARKING ARROW.
- T. REMOVE EXISTING "ARROW" PAVEMENT MARKING.
- U. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER.
- V. INSTALL 16 IN. SOLID YELLOW PERMANENT PREFORMED PAVEMENT MARKING TAPE.
- W. INSTALL 6 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE.



FLASHING OPERATION  
EMERGENCY PRE-EMPTION

#### PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

**WR&A**

Whitman, Requardt and Associates  
Engineers and Planners  
2315 Saint Paul Street  
Baltimore, Maryland 21218  
(410) 235-3450

REVISIONS	APPROVALS	REVISIONS
	For Division A Zafiris ASSISTANT DIVISION CHIEF	
	ASST. DISTRICT ENGINEER, TRAFFIC	
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

DATE:	DRAWN BY:	F.A.F. NO.	PLAN
12-5-96	S. BLOSS	AW103A5J...	sheet no.
1:5=20'	N. LEARY	AW103A5J	TS-3621
APPROVED BY: <i>[Signature]</i> 12/1/96	CHEKED BY: <i>[Signature]</i> 12/1/96	DIR. OF TRAFFIC & SAFETY	COUNTY HARFORD

LOG MILE 12002200.12

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
TRAFFIC SIGNALIZATION PLAN

MD 22 (FULFORD AVENUE) AT MAITLAND STREET